



# 2564 Rugged Wireless 2D&QR-code scanner with tether plate, DPM + Cradle + USB Cable, Bluetooth

A special model of the CipherLab A2564 wireless reader, designed for scanning the Direct Part Mark (DPM) code, which are codes stamped directly on the metal surface of the product.

The CipherLab 2564DP series business-rugged handheld scanner takes performance up a notch with a 578 scan rate for fast operations. Along with the ability to read high-density 1D and 2D barcodes and low contrast barcodes as low as 15%, the CipherLab 2500 series eases its aiming for scanning excellence on tiny objects or the barcodes which are poorly printed. CipherLab 2500 series equips with a scan beam of 3 mm in width from 15 cm away that allows users to reduce the probabilities of misreads while barcodes are placed close to each other. The CipherLab 2500 series handheld scanner maximizes workforce productivity for everyday operations in a variety of business.



#### Key features Cipherlab A2564DP bar code scanner

- Bluetooth v4.0 Dual Mode with EDR
- IP54 rating and 1.8 m/ 6 ft. drop resistance
- capability to read Direct Part Mark DPM codes
- Snappy 578 scan rate on 1D Barcodes
- Reads barcodes up to 3 mil resolution and 15% PCS
- Auto detection of USB, RS232 and keyboard wedge interface
- Swappable battery runs over 24 hours on single charge
- ESD Protection ±10 kV(contact), ±20 kV (air)
- Web-based ScanMaster for easy access and configuration

Cipherlab provides the user-friendly and free worldwide accesible setup tool as an addition to the standard way of setting up the scanner.

#### Demonstration of reading DPM codes

YOUTUBE='QquioB6afc8'















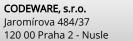
## **Technical Description**

### **Functionality & Operation**

2D Code Symbologies Aziec, Composite codes, Data Matrix, DPM-Matrix Code, MixiCode, Micro QR Code, MicroPDF417, PR code, CSI DataMatrix, CSI QR Code, TLC-39  1D Barcode Symbologies All standard one-dimension barcodes  Wireless communication Bluetooth® v4.0  Optical  Optical  Depth of scan field 2 cm ~ 28 cm  Resolution 3 mil 10, 5 mil 2D  Bar code scanner 2D imager (Direct Part Mark scanning capability)  Maximal skew angle 60°  Maximal pitch angle 60°  Light source warm white LEDs 2x  Scanning rate 60°s-  Light source warm white LEDs 2x  Scanning rate 60°s-  Main battery pack operating time 75's  Methanical  Weight 1988  Dimensions Width: 66'mm, Height: 160.5mm Length: 98.2mm  Color black 66'mm, Height: 160.5mm Length: 98.2mm  Asimal ambient light 100000lux  Operating temperature 0 to 50°C  Storage temperature 40 to 70°C  Operating humidity (non-condensing) 10to 90%  Storage humidity (non-condensing) 5 to 95%  Ingress protection 1965	Functionality & Operation	
Wireless communication  Depth of scan field  2 cm – 28 cm  Resolution  3 mil 10, 5 mil 2D  Bar code scanner  2D Imager (Direct Part Mark scanning capability)  Maximal skew angle  60°  Maximal pitch angle  10°  Light source  warm white LEDs 2x  Scanning rate  60scan/s  Electrical  Wain battery pack  Rechargeable Li-lon battery 3000 mAh, 3.7V  Main battery pack operating time  75hr  Mechanical  Weight  198g  Dimensions  Width: 66mm, Height: 160.5mm Length: 98.2mm  Color  Bnivnoment  Maximal ambient light  100000ux  Operating temperature  0 to 50°C  Storage temperature  40 to 70°C  Operating humidity (non-condensing)  5 to 595%	2D Code Symbologies	Aztec, Composite codes, Data Matrix, DPM-Matrix Code, MaxiCode, Micro QR Code, MicroPDF417, PDF417, QR code, GS1 DataMatrix, GS1 QR Code, TLC-39
WPAN Features         Bluetooth® v4.0           Optical           Depth of scan field         2 cm - 28 cm           Resolution         3 mil 10, 5 mil 2D           Bar code scanner         20 Imager (Direct Part Mark scanning capability)           Maximal skew angle         60°           Maximal pitch angle         60°           Light source         warm white LEDs 2x           Scanning rate         60scan/s           Minimal PCS value         25%           Electrical         The Charlest Park Amark scanning capability)           Main battery pack         60scan/s           Main battery pack appeal operating time         75%           Mechanical         Yes           Weight         198g           Dimensions         Width: 66mm, Height: 160.5mm Length: 98.2mm           Color         black           Environment         0 to 50°C           Storage temperature         40 to 70°C           Operating temperature         40 to 70°C           Operating humidity (non-condensing)         5 to 95%	1D Barcode Symbologies	All standard one-dimension barcodes
Optical           Depth of scan field         2 cm - 28 cm           Resolution         3 mil 1D, 5 mil 2D           Bar code scanner         2D Imager (Direct Part Mark scanning capability)           Maximal skew angle         60°           Maximal pitch angle         60°           Light source         warm white LEDs 2x           Scanning rate         60scan/s           Minimal PCS value         25%           Betcrical           Main battery pack         Rechargeable Li-lon battery 3000 mAh, 3.7V           Mechanical           Weight         198g           Dimensions         Width: 66mm, Height: 160.5mm Length: 98.2mm           Color         black           Environment           Maximal ambient light         100000lux           Operating temperature         40 to 70°C           Storage temperature         40 to 70°C           Operating humidity (non-condensing)         5 to 95%	Wireless communication	Bluetooth®
Depth of scan field         2 cm - 28 cm           Resolution         3 mil 1D, 5 mil 2D           Bar code scanner         2D Imager (Direct Part Mark scanning capability)           Maximal skew angle         60°           Maximal pitch angle         60°           Light source         warm white LEDs 2x           Scanning rate         60scan/s           Minimal PCS value         25%           Electrical         75hr           Main battery pack         Rechargeable Li-Ion battery 3000 mAh, 3.7V           Main battery pack operating time         75hr           Mechanical         Width: 66mm, Height: 160.5mm Length: 98.2mm           Color         black           Environment         100000lux           Operating temperature         0 to 50°C           Storage temperature         -40 to 70°C           Operating humidity (non-condensing)         5 to 95%	WPAN Features	Bluetooth® v4.0
Resolution 3 mil 1D, 5 mil 2D  Bar code scanner 20 Imager (Direct Part Mark scanning capability)  Maximal skew angle 60°  Maximal pitch angle 60°  Light source warm white LEDs 2x  Scanning rate 60scan/s  Minimal PCS value 25%  Electrical  Main battery pack Rechargeable Li-Ion battery 3000 mAh, 3.7V  Main battery pack 75hr  Mechanical  Weight 1988  Dimensions Width: 66mm, Height: 160.5mm Length: 98.2mm  Color back  Environment  Maximal ambient light 100000lux  Operating temperature 010 to 50°C  Storage temperature 10 to 90%  Storage humidity (non-condensing) 5 to 95%	Optical	
Bar code scanner 50° Colorade scanning capability)  Maximal skew angle 60°  Maximal pitch angle 60°  Light source warm white LEDs 2x  Scanning rate 60scan/s  Minimal PCS value 25%  Flectrical  Main battery pack Rechargeable Li-Ion battery 3000 mAh, 3.7V  Main battery pack operating time 75hr  Mechanical  Weight 988  Dimensions Width: 66mm, Height: 160.5mm Length: 98.2mm  Color back  Fivironment  Maximal ambient light 100000lux  Operating temperature 10 to 50°C  Storage temperature 40 to 99%  Storage humidity (non-condensing) 5 to 95%	Depth of scan field	2 cm ~ 28 cm
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Electrical  Main battery pack Main battery pack operating time Mechanical  Mechanical  Mechanical  Minemator  Mechanical  Minemator  Minemator  Mechanical  Minemator  Minemator  Moremator  Color  Maximal ambient light  Maximal ambient light  Moremator  Coperating temperature  Operating temperature  Oto 50°C  Storage temperature  Oto 90%  Storage humidity (non-condensing)  To 95%  Storage humidity (non-condensing)  Storage humidity (non-condensing)  To Watimal ambient light  Maximal ambient light  Oto 90%  Storage humidity (non-condensing)	Light source	warm white LEDs 2x
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Operating temperature 0 to 50°C  Storage temperature -40 to 70°C  Operating humidity (non-condensing) 10 to 90%  Storage humidity (non-condensing) 5 to 95%	Environment	
Storage temperature -40 to 70°C  Operating humidity (non-condensing) 10 to 90%  Storage humidity (non-condensing) 5 to 95%	Maximal ambient light	100000lux
Operating humidity (non-condensing) 10 to 90% Storage humidity (non-condensing) 5 to 95%	Operating temperature	0 to 50°C
Storage humidity (non-condensing) 5 to 95%	Storage temperature	-40 to 70°C
	Operating humidity (non-condensing)	10 to 90%
Ingress protection IP65	Storage humidity (non-condensing)	5 to 95%
	Ingress protection	IP65

Electrical static discharge

±2011/1 air ±1011/ contact



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